



INVOICE

6 Carretera 696
 Dorado, PR 00646-3306

DATE: 4/11/2013
 INVOICE # 16238
 PROPOSAL # 11-0052-LS-R2-03
 CONTRACT # 2012-DS0427

Phone: 787-278-2709 Fax: 787-278-0030

Bill To: Janet Rios, CIO
 Carlos Carrasquillo, Project Manager Ext. 2413
 The Puerto Rico Department of Health
 P.O. Box 70184
 San Juan, PR 00938-8184

Ship To: Janet Rios, CIO
 Carlos Carrasquillo, Project Manager Ext. 2413
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PROJECT NAME: HIS Systems Development				
Account no.	Start Date	Term	Due Date	Representative
PRIFAS 256-G710000-081-2010-1090HT0001SUB & PeopleSoft 256-0710000-08F-2010-10001SUBHIE	October 1, 2011	30 days	06/11/13	Carlos Carrasquillo, Project Manager

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
	Deliverable 3: E-Labs; Phase 3: Testing (Includes testing for the EHR Integration Testing)	44,500.00	\$ 44,500.00
	SUBTOTAL		\$ 44,500.00
	SALES TAX (7%)		
	SUBTOTAL		44,500.00
	SHIPPING & HANDLING		
	TOTAL		\$ 44,500.00

Activities requirements, according to approved proposal # 11-0052-LS-R2-03.

CERTIFICATION:

Under penalty of absolute nullity, I certify that no public servant of the Department of Health is party to or has any interest in the earnings or benefits of the agreement that concerns this invoice, and that should they be party to or have an interest in the earnings or benefits, they have received a prior exemption. The only consideration for providing the goods or services that concern the agreement has been the payment agreed upon with the authorized representatives; the products have been delivered (the services provided) and they have not been paid for.

I CERTIFY THAT THIS IS CORRECT:

Mariluz Plaza
 Mariluz Plaza

4/11/13
 DATE

Please Remit your payment to:

Mail: Integratek
 (Division of Pharma-Bio Serv PR, Inc.)
 6 Carretera 696
 Dorado, PR 00646-3306

Please forward payment remittance details to:

Integratek
 6 Carretera 696
 Dorado, PR 00646-3306

ACH: Banco Popular de Puerto Rico
 349 Méndez Vigo
 Pabellón Comercial Rafael Hernández Colón
 Dorado, PR 00646

Attn: Mariluz Plaza
 Billing Manager
mpalaza@pharmabioserv.com

Ph: 1-787-278-2709

Routing No.: 021502011
 Account No.: 058252045

Fax: 1-787-278-0030
www.pharmabioserv.com

Thank You For Your Business!

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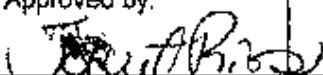
I, Juan E. Segarra, USCCI #06-067/translator, certify that the foregoing is a true and accurate translation, to the best of my abilities, of the document in Spanish which I have seen.

Integratek					
Document Title: System Test Case for HIE - EHR Integration					
Document Identifier	Version	Issue Date	Document Type	Project Number	Page No
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System Test Case for HIE: EHR System Integration

Proposal 11-0052-LS-R2

Approval

Name	Job Title /Role	Signature	Date (DD-MMM-YYYY)
The Author is signing to confirm that this document has been prepared in accordance Testing procedure.			
Authored by: Baxter Mickey Rains	Integratek PMO Manager		01-Nov-2012
The [Developer, User] is signing to confirm, for [unit, system, acceptance] level testing, that the Test Steps adequately address the objectives of the Test Case			
Approved by:			
	H.T. Manager		12/6/12

Test Case Iteration Number:

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1 Test System Identifiers

Table 1 identifies the system where the test case is being executed.

Table 1: System Identifier

System
Name: HIE
Version: <u>1.0</u>

1.1 User Identifier

Blue Vitr ver 1.1.4

The Test Manager shall identify all users and their roles, i.e. Prescriber (P) or Pharmacist (Rx), associated with the execution of this test case within Table 2.

Table 2: User Identifier

Name	Role	Signature	Initial	Date (DD-MMM-YY)


1.2 Unit/System Identifiers

Table 3 identifies the units or system and their version being tested within this test case.

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3 Test Preconditions

The following preconditions apply to the tests in this document:

1. Data set requirements for prescribers, facilities and pharmacists. Refer to Appendix 2.
2. At least one of each category should be created prior test execution.
3. The following path will be used to access the HIE application within PRHIE:
 - a. QA: <https://staging.prhin.net/orders>
 - b. Staging - Internal: <https://staging.prhin.net/orders>
 - c. Staging - External: <https://staging.prhin.net/orders>
4. Objectives 1 and 2 can be run independently.
5. Objective 4 needs Objective 3 completed.
6. Objective 5 can be run independently if prescriptions exist.
7. For allergies, Patient 3 shall be entered.
8. For Section 6.3, Prescription #7, Patient 4 shall be created. Refer to Appendix 2 section 4 for details.


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5 References

Document references referred to or relied upon by this document are as follows:

Item	Reference ID	Description
1	HIE_UM_001	HIE User Manual Prescribers & Agents

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
	button.	will be displayed with patient demographic data prepopulated and no search results found. • The message displayed should read: "There are no results in the Central Patient Index. Proceed to add the patient."		OK
6.2.3	• Press "Add Patient" Button	• New patient creation screen is displayed. Most fields should be prepopulated with EHR System demographic data, including Addresses, Next of Kin, Allergies and Conditions, if available.	allergies [Allergies]	✓ Blue/HR [Illegible]
6.2.4	• Fill Remaining Patient data and press the "Save Patient" button.	• A new patient profile is created in both MPI and local facility. • The patient details screen is displayed.		OK

6.1 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)	Comment (if required):
	Cong. allergies [Cong.] [Allergies]

Name of Tester	ID	Signature	Date (DD-MMM-YY)
Juan E. Segarra		[Signature]	12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Saca		[Signature]	12/6/12

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
6.4.3	<ul style="list-style-type: none"> Select the matching MPI search result 	<ul style="list-style-type: none"> matching search result. New patient creation screen is displayed. Most fields should be prepopulated with EHR System demographic data, including Addresses, Next of Kin, Allergies and Conditions, if available. 		OK
6.4.4	<ul style="list-style-type: none"> Fill Remaining Patient data and press the button. 	<ul style="list-style-type: none"> A new patient profile is created in local facility. The patient details screen is displayed. 	No trace of #R.C.	OK PLEASE

[Didn't bring the #R.C.]

6.2 Test Objective Results	The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.
-----------------------------------	--

Indicate whether Expected Results were obtained (Pass/Fail)	Pass	Comment (if required):
---	------	------------------------

Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sancher		[Signature]	12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sancher		[Signature]	12/6/12

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
		display		
6.3.9	Enter drug in the "Commercial Name" from the Appendix 2. Press "Search Medication" button.	<ul style="list-style-type: none"> The window will display a list of medications with the drug entered. "The search includes generics (<drug name>)" 	Tylenol	OK
6.3.10	Select the drug(s) from the list by pressing on it.	<ul style="list-style-type: none"> The medication window will display. The medication(s) selected will display at the top of the screen. 		OK
6.3.11	<p>Enter all drugs for the prescription.</p> <p>1. Enter the "Quantity" according to the prescription.</p> <p>2. Select the "Unit" (at the right) according to the prescription</p> <p>Press "Add Prescription"</p>	<p>30</p> <p>Tylenol</p> <ul style="list-style-type: none"> The "Prescription" screen will display with the medication. The medication(s) information corresponds to the one entered. 		OK
6.3.12	Select the "Define Diagnosis" option	The "Diagnosis Search" window will display.		OK
6.3.13	Enter the word "diabet" in the "Description" field. Press "Search" button.	The window will list diagnostics with the word entered.		OK
6.3.14	Select "Code" 253.5 from the list by clicking on the line.	The "Prescription" window will display the medication with the selected diagnostic.		OK
6.3.15	"Enter the prescriber signature and press the "Sign" button.	<ul style="list-style-type: none"> The "Prescription has been sent successfully" will display. The EHR System should return to the patient record screen. The EHR System should have processed the prescription data, which should now be available in the patient's record data. 		OK

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
		sent successfully" will display.		
Prescription #3: Two Drugs – Interaction				
6.3.25	Repeat steps 6.3.1 – 6.3.8, eligibility should be prepopulated Patient Name: <u>Carlos P. Ray</u>	The medication search screen is displayed		OK
6.3.26	Enter drug in the "Commercial Name" from the Appendix 2. Press "Search Medication" button.	<ul style="list-style-type: none"> The window will display a list of medications with the drug entered. "The search includes generics (<drug name>)" message will display. 		OK
6.3.27	Select the drug(s) from the list by pressing on it.	<ul style="list-style-type: none"> The medication window will display. The medication(s) selected will display at the top of the screen. 	Commercial cipr	OK
6.3.28	Enter all drugs for the prescription. 1. Enter the "Quantity" according to the prescription. 2. Select the "Unit" (at the right) according to the prescription Press "Add Prescription"	<ul style="list-style-type: none"> The "Prescription" screen will display with the medication. The medication(s) information corresponds to the one entered. Alerts will display 	OK	OK
6.3.29	Select the "Define Diagnosis" option	The "Search Diagnosis" window will display		OK
6.3.30	Enter the word "diabet" in the "Description" field. Press "Search" button.	The window will list diagnostics with the word entered.		OK
6.3.31	Select "Code" 253.5 from the list by clicking on the line.	The "Prescription" window will display the medication with the selected diagnostic.		OK
6.3.32	"Enter the prescriber signature and press the "Sign" button.	<ul style="list-style-type: none"> The "prescription has been sent successfully" will 		OK

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
	"Description" field. Press "Search" button.	diagnostics with the word entered.		OK
6.3.39	Select "Code" 253.5 from the list by clicking on the line.	The window will display the medication with the selected diagnostic.		OK
6.3.40	Enter the prescriber signature and press the "Sign" button.	<ul style="list-style-type: none"> The "You cannot send prescriptions with CONTROLLED medications, only print them" message is displayed. 		OK
6.3.41	Press the OK button on the message box, then press the "Print" button.	<ul style="list-style-type: none"> The message box closes. A popup is displayed to print the prescription. 		OK

6.3 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)		Comment (if required):
---	--	------------------------

Name of Tester	ID	Signature	Date (DD-MMM-YY)
Juan E. Segarra			12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sanchez			12/6/12

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
		successfully"		
		The EHR System should receive a CCD document with medication history and must process the data to update the patient's record with medication history.		
6.4.10	Repeat steps 6.4.2 to 6.4.9	The CCD must be processed again by the EHR system, discarding duplicate prescriptions.		

6.4 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)	N/A	Comment (if required):
		<i>[Signature]</i> 10/6/12

Name of Tester	ID	Signature	Date (DD-MMM-YY)
		<i>[Signature]</i>	
Name of Tester	ID	Signature	Date (DD-MMM-YY)
Jose R. Sandoz		<i>[Signature]</i>	12/6/2012



6.5 PRHIE Prescription History CCD


Test Objective	New Patient Creation from Existing MPI Profile
Acceptance Criteria	<ul style="list-style-type: none"> The Surescripts-based Medication History CCD must be processed correctly even if sent multiple times

Station Used to Perform Test	Test Start Date/Time (DD-MMM-YY)	Completion Date/Time (DD-MMM-YY)

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Name of Tester	ID	Signature	Date (DD-MMM-YY)
Juan R. Sanchez			12/6/12
			12/6/12


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8 Appendix 1 - Test Data Requirements

A spreadsheet was prepared outside this document.

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DEPARTMENT OF
HEALTH

Contracts Office
Department of Health
Commonwealth of Puerto Rico
PO Box 70184, San Juan, PR. 00936-8182

COVER SHEET FOR:

☒ Procedure

☐ Fax

To:	SR. PEDRO JOSE LASANTA ROBLES PHARMA-BIO SERV PR, INC. 6 CARR. 696 DORADO, PR 00646-3306	From:	 SONIA N. CARRASQUILLO COTTO INTERIM DIRECTOR CONTRACTS OFFICE
Fax No.		Date:	November 23, 2011
Subject:	DISTRIBUTION OF CONTRACT IN FAVOR OF: *PHARMA-BIO SERV PR, INC. *#2012-050427 *OIAT *COMPUTER PROGRAMMING ADVICE AND CONSULTING, AND IMPLEMENTATION OF PRESCRIPTION SERV. -HIE		

ACTION TO BE TAKEN:

<input type="checkbox"/> For approval	<input type="checkbox"/> Take pertinent action	<input type="checkbox"/> Remake with indicated Amendments
<input type="checkbox"/> Respond	<input type="checkbox"/> Produce copy	<input type="checkbox"/> For your knowledge and records
<input type="checkbox"/> Confirm Delivery	<input checked="" type="checkbox"/> For your information	<input type="checkbox"/> To retain

<input type="checkbox"/>	Respond to sign:	_____
<input type="checkbox"/>	Return signed document to:	_____
<input type="checkbox"/>	Take note and return to:	_____
<input type="checkbox"/>	Evaluate and submit information to:	_____

Comments:

Received by: _____ Date: _____

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